

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
AGR 101S INTRODUCTION TO AGRICULTURE
3 CREDIT HOURS

COURSE DESCRIPTION

Overview of the agriculture industry with a focus on food, fiber, and natural resources that surround and support production agriculture; sectors of agriculture, careers in agriculture, leadership and advocacy for agriculture.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
1	1. Identify the knowledge, skills, and abilities necessary to succeed in agricultural careers.	3, 5
1	2. Identify the scope of career opportunities and the requirements for education, training, certification, licensure, and experience related to agriculture.	3, 5
5	3. Develop a career plan in agriculture that reflects interests, pathways, and options.	1, 3
2	4. Describe the role and function of professional organizations, and industry associations in agriculture.	4
2	5. Explain the importance of work ethic, accountability, and responsibility in fulfilling personal, community, and workplace roles.	2, 3
1	6. Identify the correlation between emotions, behavior, appearance and professionalism.	2, 5
4	7. Practice professionalism through appearance and proper emotional and professional behavior.	2, 5
3	8. Prepare and share constructive feedback to improve work habits as learners.	1, 9
4	9. Analyze personal coping skills needed to adjust to workplace demands.	5
1	10. Recognize different cultural beliefs and practices in the workplace and demonstrate respect for them.	2, 7
1	11. Identify healthy lifestyles that reduce the risk of chronic disease, unsafe habits, and abusive behavior.	4
5	12. Develop networking techniques to maintain professional relationships.	4, 5
2	13. Describe agriculture at the local, state and national levels.	3
1	14. Recognize sectors of agriculture.	3

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

TOPIC OUTLINE

1. Introduction to Agriculture
2. Local, State, National Scope of Industry
3. Agriculture through History
4. Agrichemical Sector of Agriculture
5. Breeding (Plant and Animal) Sector of Agriculture
6. Crop Production Sector of Agriculture
7. Distribution Sector of Agriculture
8. Machinery Sector of Agriculture
9. Processing Sector of Agriculture
10. Seed Supply Sector of Agriculture
11. Marketing Sector of Agriculture
12. Professional Organizations and Industry Associations
13. Advocacy of Agriculture
14. Leadership in Agriculture
15. Future Issues of Agriculture